

Lista completă de lucrări

a. Lista lucrări relevante:

1. D. A. Wilson, C. J. Wilson, **C. Moldoveanu**, A. M. Resmerita, P. Corcoran, L. M. Hoang, B. M. Rosen, V. Percec NEOPENTYLGlyCOLBORYLATION OF ARYL MESYLATES AND TOSYLATES CATALYZED BY NI-BASED MIXED LIGAND SYSTEMS ACTIVATED WITH ZN, *Journal of the American Chemical Society*, **132(6)**, 1800-1801, **2010**. doi: 10.1021/ja910808x.(ISSN: 0002-7863).
2. G. Zbancioc, I. Mangalagiu, **C. Moldoveanu**: „ULTRASOUND ASSISTED SYNTHESIS OF IMIDAZOLIUM SALTS: AN EFFICIENT WAY TO IONIC LIQUIDS”; *Ultrasonics Sonochemistry*, **23(c)**, 376-384, **2015**. DOI: 10.1016/j.ultsonch.2014.10.028.
3. V. Bejan, **C. Moldoveanu**, I. Mangalagiu; ULTRASOUND ASSISTED REACTIONS OF STEROID ANALOGOUS OF ANTICIPATED BIOLOGICAL ACTIVITIES, *Ultrasonics Sonochemistry*, **16(3)**, 312-315, **2009**.
4. **C. Moldoveanu**, D. A. Wilson, C. J. Wilson, P. Corcoran, B. M. Rosen, V. Percec NEOPENTYLGlyCOLBORYLATION OF ARYL CHLORIDES CATALYZED BY THE MIXED LIGAND SYSTEM NiCl₂(dppp)/dppf, *Organic Letters*, **11(21)**, 4974-4977, **2009**, highlighted in *Synfacts*, **1**, 0084-0084, **2010** (DOI: 10.1055/s-0029-1218429).
5. Leowanawat, P.; Resmerita, A-M.; **Moldoveanu, C.**; Liu, C.; Zhang, N.; Wilson, D.; Hoang, L.; Rosen, B.; Percec, V.: "ZERO-VALENT METALS ACCELERATE THE NEOPENTYLGlyCOLBORYLATION OF ARYL HALIDES CATALYZED BY NiCl₂-BASED MIXED-LIGAND SYSTEMS", *Journal of Organic Chemistry*, **75**, 7822-7828, **2010**. DOI: 10.1021/jo101718v.(ISSN: 0022-3263).
6. **C. Moldoveanu**, D. A. Wilson, C. J. Wilson, P. Leowanawat, A.M. Resmerita, C. Liu, B. M. Rosen, V. Percec: "NEOPENTYLGlyCOLBORYLATION OF ORTHO-SUBSTITUTED ARYL HALIDES CATALYZED BY NiCl₂-BASED MIXED-LIGAND SYSTEMS"; *Journal of Organic Chemistry*, **75**, 5438-5452, **2010**. DOI 10.1021/jo101023t.(ISSN: 0022-3263).
7. Zbancioc, G.; Mangalagiu, I.I.; **Moldoveanu, C.**: THE EFFECTIVE SYNTHESIS OF NEW BENZOQUINOLINE DERIVATIVES AS SMALL MOLECULES WITH ANTICANCER ACTIVITY, *Pharmaceuticals*, **17(01)**, 0052, **2024**. DOI: 10.3390/ph17010052.
8. **Moldoveanu, C.**; Mangalagiu, I.I.; Isac, D.L.; Airinei A.; Zbancioc, G.: A NEW PATHWAY FOR THE SYNTHESIS OF A NEW CLASS OF BLUE FLUORESCENT BENZOFURAN DERIVATIVES, *Molecules*, **23(8)**, 01968, **2018**. DOI: 10.3390/molecules23081968.
9. L. Odochian, **C. Moldoveanu**, D. Maftai: „TG-FTIR STUDY ON THERMAL DEGRADATION MECHANISM OF PTFE UNDER NITROGEN ATMOSPHERE AND IN AIR. INFLUENCE OF THE GRAIN SIZE”; *Thermochimica Acta*, **598(c)**, 28-35, **2014**. DOI: 10.1016/j.tca.2014.10.023.
10. **C. Moldoveanu**, G. Zbancioc, D. Mantu, D. Maftai, I. Mangalagiu: „THE CYCLOADDITION OF THE BENZIMIDAZOLIUM YLIDES WITH ALKYNES: NEW MECHANISTIC INSIGHTS”; *PlosOne*, **11(5)**, e0156129, **2016**. DOI: 10.1371/journal.pone.0156129.

b. Teza de doctorat:

„1,3 – DIAZINIU ILIDE SI DERIVATI", coordonator **prof. dr. IONEL MANGALAGIU**, susținută **Decembrie 2007**, obținut titlul de doctor în domeniul Științe Exacte, Specializarea Chimie **Martie 2008 (OMECT nr. 3439/12.03.2008)**.

c. Brevete de invenție și alte tipuri de proprietate intelectuală:

1. **RO134192-A0/2020**, Oficiul de Stat pentru Inventii si Marci-OSIM Romania - Mangalagiu I.I., Amariuca-Mantu Dorina, Antoci I. Vasilichia, Zbancioc N. Gheorghita, **Moldoveanu C. Costel**, Cucu D. Dumitrelea, Danac Ramona, Mangalagiu Violeta. "Obtaining class of anthracene-imidazole compounds with anti-tuberculosis effect by performing N-alkylation imidazole and benzimidazole with 9-chloromethyl-anthracene, and subjecting intermediates to quaternization", Derwent Primary Accession Number: 2020-605892.

d. Cărți și capitole în cărți:

1. CHIMIE SI TOXICOLOGIE JUDICIARA. SEPARATOLOGOLOGIE JUDICIARA, Ionel Mangalagiu; Ramona Danac; **Costel Moldoveanu**; Gheorghita Zbancioc, *Editura „AIT – SRL Laboratory”*, Bucuresti **2011**. (217 pag.) ISBN: 978-606-8363-09-7x2
2. BAZELE CHIMIEI ORGANICE – MANUAL DE LABORATOR Vol I, **Costel Moldoveanu**, Gheorghita Zbancioc, Roxana Tucaliuc, Ana-Maria Zbancioc, Ondina Boiță, Ionel Mangalagiu, *Editura Universității „Al. I. Cuza”- Iași*, **2008**. ISBN: 978-973-703-336-9
3. EXERCIȚII ȘI PROBLEME DE CHIMIE ORGANICĂ, Maria Caproșu, **Costel Moldoveanu**, Ionel Mangalagiu, *Editura Universității „Al. I. Cuza”- Iași*, **2005**. ISBN: 973-703-071-0

e. Articole publicate in extenso, în reviste din circuitul științific internațional:

- 1) **Moldoveanu C**, Mangalagiu II, Zbancioc G, Danac R, Tataringa G, Zbancioc AM. Anticancer Potential of Azatetracyclic Derivatives: In Vitro Screening and Selective Cytotoxicity of Azide and Monobrominated Compounds. *Molecules*, **30(3)**:702, **2025**. <https://doi.org/10.3390/molecules30030702>
- 2) Zbancioc, G.; Mangalagiu, I.I.; **Moldoveanu, C.**: THE EFFECTIVE SYNTHESIS OF NEW BENZOQUINOLINE DERIVATIVES AS SMALL MOLECULES WITH ANTICANCER ACTIVITY, *Pharmaceuticals*, **17(01)**, 0052, **2024**. DOI: 10.3390/ph17010052.
- 3) Zbancioc, G.; Mangalagiu, I.I.; **Moldoveanu, C.** A REVIEW ON THE SYNTHESIS OF FLUORESCENT FIVE- AND SIX-MEMBERED RING AZAHETEROCYCLES. *Molecules*, **27(19)**, 6321, **2022**. DOI:10.3390/molecules27196321
- 4) Zbancioc, G.; Ciobanu, C.-I.; Mangalagiu, I.I.; **Moldoveanu, C.** ULTRASOUND-ASSISTED SYNTHESIS OF FLUORESCENT AZATETRACYCLIC DERIVATIVES: AN ENERGY-EFFICIENT APPROACH. *Molecules*, **27**, 3180, **2022**. DOI:10.3390/molecules27103180
- 5) **Moldoveanu, C.**; Mangalagiu, I.; Zbancioc, G.: FLUORESCENT AZASTEROIDS THROUGH ULTRASOUND ASSISTED CYCLOADDITION REACTIONS, *Molecules*, **26(16)**, 5098, **2021**. DOI:10.3390/molecules26165098.
- 6) Antoci, V.; Oniciuc, L.; Amariuca-Mantu, D.; **Moldoveanu, C.**; Mangalagiu, V.; Amarandei, A.M.; Lungu, C.N.; Dunca, S.; Mangalagiu, I.I.; Zbancioc, G.; BENZOQUINOLINE DERIVATIVES: A STRAIGHTFORWARD AND EFFICIENT ROUTE TO ANTIBACTERIAL AND ANTIFUNGAL AGENTS, *Pharmaceuticals*, **14(4)**, 335, **2021**. DOI:10.3390/ph14040335.
- 7) Antoci, V.; **Moldoveanu, C.**; Danac, R.; Mangalagiu, V.; Zbancioc, G.: HUISGEN [3 + 2] DIPOLAR CYCLOADDITIONS OF PHTHALAZINIUM YLIDES TO ACTIVATED SYMMETRIC AND NON-SYMMETRIC ALKYNES, *Molecules*, **25(19)**, 4416, **2020**. DOI:10.3390/molecules25194416.
- 8) Antoci, V.; Cucu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu, V.; Amăriucăi-Mantu, D.; Aricu, A.; Mangalagiu, I.I.: BIS-(IMIDAZOLE/BENZIMIDAZOLE)-PYRIDINE DERIVATIVES: SYNTHESIS, STRUCTURE AND ANTIMYCOBACTERIAL ACTIVITY. PART XII, *Future Medicinal Chemistry (Future Med. Chem.)*, **12(3)**, 207-223, **2020**, (IF 2018/2019=3.617), ISSN (print): 1756-8919/ ISSN (online): 1756-8927.
- 9) **Moldoveanu, C.**; Amariuca-Mantu, D.; Mangalagiu, V.; Antoci, V.; Maftai, D.; Mangalagiu, I.I.; Zbancioc, G.: A MICROWAVE ASSISTED REACTIONS OF FLUORESCENT PYRROLODIAZINE BUILDING BLOCKS, *Molecules*, **24(20)**, 3760, **2019**. DOI:10.3390/molecules24203760
- 10) Lungu, L.; Ciocarlan, A.; Barba, A.; Shova, S.; Pogrebnoi, S.; Mangalagiu, I.I.; **Moldoveanu, C.**; Vornicu, N.; D'Ambrosio, M.; Babak, M.V.; Arion, V. B.; Aricu, A.: SYNTHESIS AND EVALUATION OF BIOLOGICAL ACTIVITY OF HOMODRIMANE SESQUITERPENOID BEARING HYDRAZINECARBOTHIOAMIDE OR 1,2,4-TRIAZOLE UNIT, *Chemistry of Heterocyclic Compounds*, **55(8)**, 716-724, **2019**. DOI: 10.1007/s10593-019-02526-1
- 11) **Moldoveanu, C.**; Mangalagiu, I.I.; Isac, D.L.; Airinei A.; Zbancioc, G.: A NEW PATHWAY FOR THE SYNTHESIS OF A NEW CLASS OF BLUE FLUORESCENT BENZOFURAN DERIVATIVES, *Molecules*, **23(8)**, 01968, **2018**. DOI: 10.3390/molecules23081968
- 12) Mangalagiu, I.I.; **Moldoveanu, C.**; Zbancioc, G.; Amariuca-Mantu, D.; Vasilache V.: THEORETICAL AND EXPERIMENTAL STUDY ON THE STABILITY OF SOME 4-(4-CHLOROPHENYL)PYRIMIDINIUM YLIDES, *Acta et commentationes*, **1(3)**, 27-43, **2017**. ISSN 2537-6284
- 13) Zbancioc, G.; **Moldoveanu, C.**; Humelnicu, I.; Vasilache, V.; Mangalagiu, I.I.: PYRIDINE / QUINOLINE DERIVATIVES BEARING A IMIDAZOLE / BENZIMIDAZOLE MOIETY: A LC-MS APPROACH OF STRUCTURE DETERMINATION, *Rev. Chim. (Bucharest)*, **67(8)**, 1516-1519, **2016**.
- 14) Mantu, D.; Antoci, V.; **Moldoveanu, C.**; Zbancioc, G.; Mangalagiu, I.I.: HYBRID IMIDAZOLE (BENZIMIDAZOLE) / PYRIDINE (QUINOLINE) DERIVATIVES WITH ANTICANCER AND ANTIMYCOBACTERIAL ACTIVITY, *Journal Of Enzyme Inhibition And Medicinal Chemistry*, **31(S2)**, 96-103, **2016**. DOI: 10.1080/14756366.2016.1190711

- 15) Zbancioc, G.; **Moldoveanu, C.**; Zbancioc, A.M.; Humelnicu, I.; Mangalagiu, I.: NEW INSIGHTS CONCERNING MICROWAVE MECHANISM IN CYCLOADDITION REACTION: THERMAL HEATING VERSUS SPECIFIC EFFECTS OF MICROWAVE, *Rev. Roum. Chim.*, **61(4-5)**, 441-444, **2016**. ISSN: 0035-3930.
- 16) **C. Moldoveanu**, G. Zbancioc, D. Mantu, D. Maftai, I. Mangalagiu: „THE CYCLOADDITION OF THE BENZIMIDAZOLIUM YLIDES WITH ALKYNES: NEW MECHANISTIC INSIGHTS”; *PlosOne*, **11(5)**, e0156129, **2016**. DOI: 10.1371/journal.pone.0156129
- 13) **C. Moldoveanu**, V. Vasilache, M. Risca: „BIOLOGICAL EFFECTS OF SOME NEW IMIDAZOLE DERIVATIVES ON SPRUCE (PICEA ABIES) GERMINATION”; *Revista de Chimie*, **66(1)**, 104-108, **2015**.(ISSN: 0034-7752).
- 14) G. Zbancioc, I. Mangalagiu, **C. Moldoveanu**: „ULTRASOUND ASSISTED SYNTHESIS OF IMIDAZOLIUM SALTS: AN EFFICIENT WAY TO IONIC LIQUIDS”; *Ultrasonics Sonochemistry*, **23(c)**, 376-384, **2015**. DOI: 10.1016/j.ultsonch.2014.10.028.
- 15) L. Odochian, **C. Moldoveanu**, D. Maftai: „TG-FTIR STUDY ON THERMAL DEGRADATION MECHANISM OF PTFE UNDER NITROGEN ATMOSPHERE AND IN AIR. INFLUENCE OF THE GRAIN SIZE”; *Thermochimica Acta*, **598(c)**, 28-35, **2014**. DOI: 10.1016/j.tca.2014.10.023.
- 16) G. Zbancioc, **C. Moldoveanu**, A.M. Zbancioc, I. Mangalagiu: „MICROWAVE ASSISTED SYNTHESIS OF NEW PYRROLOPYRIDAZINE DERIVATIVES WITH ACETOPHENONE SKELETON. PART V”; *Current Microwave Chemistry*, **1(1)**, 41-46, **2014**.
- 17) L. Odochian, **C. Moldoveanu**, L. Iancu, A. Baiceanu, D.G. Cozma: „PROBLEM SOLVING - AN INTERACTIVE ACTIVE METHOD FOR TEACHING THE THERMOKINETIC CONCEPT”; *Acta Chemica Iasi*, **22(1)**, 13-24, **2014**.
- 18) V. Vasilache, **C. Moldoveanu**, L. Fartais, M. Risca: „EFFECT OF SOME NEW IMIDAZOLE DERIVATIVES ON WHEAT (*TRITICUM AESTIVUM*) GERMINATION”; *Revista de Chimie*, **65(2)**, 177-180, **2014**.(ISSN: 0034-7752).
- 19) D. Astefanei, N. Buzgar, M. Risca, **C. Moldoveanu**, I. Mangalagiu: „SYNTHESIS, SERS, RAMAN AND FT-IR INVESTIGATION IN CONJUNCTION WITH DFT THEORETICAL SIMULATIONS ON N-(2-CYANOETHYL)-IMIDAZOLE. PART I”; *Revista de Chimie*, **65(6)**, 684-688, **2014**.(ISSN: 0034-7752).
- 20) A. M. Zbancioc, A. Miron, **C. Moldoveanu**, Ghe. Zbancioc: „IMIDAZOLIUM SALTS WITH DIHYDROXYACETOPHENONE SKELETON WITH ANTICIPATED ANTICANCER ACTIVITY. II”; *Revista de Chimie*, **64(6)**, 584-586, **2013**.(ISSN: 0034-7752).
- 21) **C. Moldoveanu**, L. Odochian, C.M. Paius, L. Iancu, A. Baiceanu: „STUDY ON THE THERMAL BEHAVIOR OF CASEIN IN AIR”; *Acta Chemica Iasi*, **21(1)**, 31-46, **2013**.
- 22) L. Odochian, **C. Moldoveanu**, G. Carja: „CONTRIBUTIONS TO THE THERMAL DEGRADATION MECHANISM UNDER AIR ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE ADDITIVE NATURE”; *Thermochimica Acta*, **558(1-2)**, 22-28, **2013**, dx.doi.org/10.1016/j.tca.2013.02.008.
- 23) Mocanu, A. M.; **Moldoveanu, C.**; Odochian, L.; Paius, C. M.; Apostolescu, N.; Neculau R.: “STUDY ON THE THERMAL BEHAVIOR OF CASEIN UNDER NITROGEN AND AIR ATMOSPHERE BY MEANS OF THE TG-FTIR TECHNIQUE”, *Thermochimica Acta*, **546**, 120-126, **2012**. DOI: 10.1016/j.tca.2012.07.031.
- 24) Tucaliuc, R., Cotea, V.V., **Moldoveanu, C.**, Zbancioc, G., Deleanu, C., Jones, P.G., Mangalagiu, I.I.: „AN EFFICIENT AND SELECTIVE ROUTE TO HYBRID TRIFLUOROMETHYL-SUBSTITUTED γ -LACTONES OR FUSED NITROGEN DERIVATIVES VIA CASCADE REACTIONS”; *Tetrahedron Letters*, **52** 6439-6442, **2011**, DOI: 10.1016/j.tetlet.2011.09.093.
- 25) Gheorghita Zbancioc, **Costel Moldoveanu**, Robert Gradinaru, Gabi Drochioiu, Gabriel Olteanu, Ionel Mangalagiu: “THE METABOLISM OF DRUGS / TOXICS IN THE BODY. CASE STUDY: BZP”; *International Journal of Criminal Investigation*, **1(1)**, 17-24, **2011**.
- 26) L. Odochian, **C. Moldoveanu**, A. M. Mocanu, G. Carja: „CONTRIBUTIONS TO THE THERMAL DEGRADATION MECHANISM UNDER NITROGEN ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE ADDITIVE NATURE”; *Thermochimica Acta*, **526(1-2)**, 205-212, **2011**, doi:10.1016/j.tca.2011.09.019.
- 27) L. Odochian, D. Dirtu, A. M. Mocanu, **C. Moldoveanu**: „CONTRIBUTIONS TO THE DEGENERATED BRANCHING MECHANISM OF THE THERMAL DECOMPOSITION REACTION OF AMMONIA”; *Kinetics and Catalysis*, **52(4)**, 480-486, **2011**, doi: .
- 28) A. M. Mocanu, L. Odochian, N. Apostolescu, **C. Moldoveanu**: „COMPARATIVE STUDY ON THERMAL DEGRADATION OF SOME NEW DIAZOAMINODERIVATIVES UNDER AIR AND NITROGEN ATMOSPHERES”; *Journal of Thermal Analysis and Calorimetry*, **103(1)**, 283-291, **2011**. DOI 10.1007/s10973-010-0857-y.
- 29) Leowanawat, P.; Resmerita, A-M.; **Moldoveanu, C.**; Liu, C.; Zhang, N.; Wilson, D.; Hoang, L.; Rosen, B.; Percec, V.: "ZERO-VALENT METALS ACCELERATE THE NEOPENTYLGlyCOLBORYLATION OF ARYL HALIDES CATALYZED BY

- NiCl₂-BASED MIXED-LIGAND SYSTEMS", *Journal of Organic Chemistry*, **75**, 7822-7828, **2010**. DOI: 10.1021/jo101718v.(ISSN: 0022-3263)
- 30) Mantu, D.; Luca, M.C; **Moldoveanu, C.**; Zbancioc, Ghe.; Mangalagiu I. I.: "SYNTHESIS AND ANTITUBERCULOSIS ACTIVITY OF SOME NEW PYRIDAZINE DERIVATIVES. PART II", *Eur. J. Med. Chem*, **45**, 5164-5168, **2010**.(ISSN: 0223-5234)
 - 31) A. M. Mocanu, L. Odochian, **C. Moldoveanu**, G. Carja: „TG-FTIR STUDY ON THERMAL DEGRADATION IN AIR OF SOME NEW DIAZOAMINODERIVATIVES (II)”; *Thermochimica Acta*, **509(1-2)**, 33-39, **2010**, doi:10.1016/j.tca.2010.05.019.(ISSN: 0040-6031)
 - 32) **C. Moldoveanu**, D. A. Wilson, C. J. Wilson, P. Leowanawat, A.M. Resmerita, C. Liu, B. M. Rosen, V. Percec: "NEOPENTYLGlyCOLBORYLATION OF ORTHO-SUBSTITUTED ARYL HALIDES CATALYZED BY NiCl₂-BASED MIXED-LIGAND SYSTEMS"; *Journal of Organic Chemistry*, **75**, 5438-5452, **2010**. DOI 10.1021/jo101023t.(ISSN: 0022-3263)
 - 33) M. Risca, **C. Moldoveanu**, D. Astefanei, I. Mangalagiu: „MICROWAVE ASSISTED REACTIONS OF IMIDAZOLE DERIVATIVES OF POTENTIAL PRACTICAL APPLICATIONS"; *Revista de Chimie*, **61(3)**, 303-305, **2010**.(ISSN: 0034-7752)
 - 34) D. A. Wilson, C. J. Wilson, **C. Moldoveanu**, A. M. Resmerita, P. Corcoran, L. M. Hoang, B. M. Rosen, V. Percec NEOPENTYLGlyCOLBORYLATION OF ARYL MESYLATES AND TOSYLATES CATALYZED BY Ni-BASED MIXED LIGAND SYSTEMS ACTIVATED WITH ZN, *Journal of the American Chemical Society*, **132(6)**, 1800-1801, **2010**. doi: 10.1021/ja910808x.(ISSN: 0002-7863)
 - 35) A. M. Mocanu, L. Odochian, N. Apostolescu, **C. Moldoveanu**: „TG-FTIR STUDY ON THERMAL DEGRADATION IN AIR OF SOME NEW DIAZOAMINODERIVATIVES"; *Journal of Thermal Analysis and Calorimetry*, **100(2)**, 615-622, **2010**. DOI 10.1007/s10973-009-0005-8.(ISSN: 1388-6150)
 - 36) Odochian L., Soldea C., Paius C., Mocanu A.M., **Moldoveanu C.**; KINETIC STUDY ON COMPETITIVE ALKYLATION OF AN ARENE MIXTURE COMING FROM THE PETROCHEMICAL INDUSTRY, *Revista de Chimie*, **61(3)**, 316-321, **2010**.(ISSN: 0034-7752)
 - 37) **C. Moldoveanu**, D. A. Wilson, C. J. Wilson, P. Corcoran, B. M. Rosen, V. Percec NEOPENTYLGlyCOLBORYLATION OF ARYL CHLORIDES CATALYZED BY THE MIXED LIGAND SYSTEM NiCl₂(dppp)/dppf, *Organic Letters*, **11(21)**, 4974-4977, **2009**, highlighted in *Synfacts*, **1**, 0084-0084, **2010** (DOI: 10.1055/s-0029-1218429).
 - 38) **Moldoveanu, C.C.**, Jones, P.G., Mangalagiu, I.I., SPIROHETEROCYCLIC COMPOUNDS: OLD STORIES WITH NEW OUTCOMES, *Tetrahedron Letters* **50(51)**, 7205-7208, (2009), doi: [10.1016/j.tetlet.2009.10.044](https://doi.org/10.1016/j.tetlet.2009.10.044).
 - 39) Mantu, D., **Moldoveanu, C.**, Nicolescu, A., Deleanu, C., Mangalagiu, I.I.; A FACILE SYNTHESIS OF PYRIDAZINONE DERIVATIVES UNDER ULTRASONIC IRRADIATION, *Ultrasonics Sonochemistry*, **16(4)**, 452-454, **2009**.
 - 40) Ghe. Zbancioc, V. Bejan, M. Risca, **C. Moldoveanu**, I. Mangalagiu; MICROWAVE ASSISTED REACTIONS OF SOME AZAHETEROCYCLIC COMPOUNDS, *Molecules* **14**, 403-411; doi:10.3390, **2009**.
 - 41) V. Bejan, **C. Moldoveanu**, I. Mangalagiu; ULTRASOUND ASSISTED REACTIONS OF STEROID ANALOGUES OF ANTICIPATED BIOLOGICAL ACTIVITIES, *Ultrasonics Sonochemistry*, **16(3)**, 312-315, **2009**.
 - 42) Balan A.M.; Florea O.; **Moldoveanu, C.**; Zbancioc Ghe; Iurea, D.; Mangalagiu I. I.: DIAZINIUM SALTS WITH DIHYDROXYACETOPHENONE SKELETON: SYNTHESIS AND ANTIMICROBIAL ACTIVITY, *European Journal of Medicinal Chemistry*, **44(5)**, 2275-2279, **2009**.
 - 43) A. M. Mocanu, L. Odochian, **C. Moldoveanu**, G. Carja, C. Oniscu: „STUDY ON THERMAL BEHAVIOR OF SOME NEW AZOMETHINES"; *Revista de Chimie*, **60(9)**, 928-933, **2009**.
 - 44) L. Odochian, A. M. Mocanu, **C. Moldoveanu**, G. Carja, C. Oniscu: „THERMAL DEGRADATION STUDIES ON SOME METAL HYDRAZINIC COMPLEXES"; *Journal of Thermal Analysis and Calorimetry*, **94(2)**, 329-334, **2008**.
 - 45) **Moldoveanu, C.**, Odochian, L., Mangalagiu, I., Dumitraş, M., Apostolescu, N.: „STUDY BY THERMAL METHODS ON SOME NEW CYCLIC YLIDES AND DERIVATIVES"; *Journal of Thermal Analysis and Calorimetry*, **93(3)**, 907-914, **2008**.
 - 46) Spulber, M., Pinteala, M., Fifere, A., **Moldoveanu, C.**, Mangalagiu, I., Harabagiu, V., Simionescu, B.C.: WATER SOLUBLE COMPLEXES OF METHYL B-CYCLODEXTRIN AND SULCONAZOLE NITRATE, *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **62**, 135-142, **2008**.
 - 47) M. Ungureanu, **C. Moldoveanu**, A. Poeata, G. Drochioiu, M. Petrovanu, I. Mangalagiu, NOUVEAUX DÉRIVÉS PYRIMIDINIQUES DOUÉS D'ACTIVITÉ ANTIBACTÉRIENNE OU FONGISTATIQUE IN VITRO, *Anall. Pharm. Francaises*, **64 (4)**, 287-288, **2006**.
 - 48) I.M. Risca, G. Zbancioc, **C. Moldoveanu**, G. Drochioiu and I. Mangalagiu, EFFECT OF SOME NEW MONOQUATERNARY SALTS OF DIAZINE ON GERMINATION AND SEEDLING GROWTH OF NORWAY SPRUCE (*Picea abies* (L.) Karsten), *Roumanian Biotechnological Letters*, **11(1)**, 2563-2568, **2006**.

- 49) **C. Moldoveanu** and I. Mangalagiu, 4-METHYL- AND 4-(HALOPHENYL)PYRIMIDINIUM (4-HALO BENZOYL)METHYLIDES. CORRELATION OF STRUCTURE, STABILITY, REACTIVITY, AND BIOLOGICAL ACTIVITY, *Helvetica Chimica Acta*, **88 (10)**, 2747 - 2756, **2005**.
- 50) Ghe. Zbancioc, M. Caprosu, **C. Moldoveanu** and I. Mangalagiu, MICROWAVE ASSISTED SYNTHESIS FOR DIMERS VIA [3+3] DIPOLAR CYCLOADDITION, *Arkivoc*, (**x**), 189-198, **2005**.
- 51) Ghe. Zbancioc, M. Caprosu, **C. Moldoveanu** and I. Mangalagiu, MICROWAVE ASSISTED 1-3 DIPOLAR CYCLOADDITION REACTIONS OF 4-HALOPHENYL-PHTALAZINIUM YLIDES, *Rev. Roum. Chim.*, **50**, 353-358, **2005**.
- 52) **Costel C. Moldoveanu**, Geanina C. Mangalagiu, Gheorghita N. Zbancioc, Gabi Drochioiu, Maria C. Caprosu, Ionel I. Mangalagiu, 4-(4-CHLORO-PHENYL)-PYRIMIDINIUM YLIDES. 1. STRUCTURE, STABILITY, REACTIVITY, *Arkivoc*, (**i**), 7-19, **2005**.
- 53) M. Caprosu, Ghe. Zbancioc, **C. Moldoveanu** and I. Mangalagiu, 1-3 DIPOLAR CYCLOADDITION REACTIONS OF 4-HALOPHENYL-PHTALAZINIUM YLIDES TO ACTIVATED ALKENES AND ALKYNES, *Collect. Czech. Chem. Commun.*, **69 (2)**, 426-434, **2004**.
- 54) **C. Moldoveanu**, G. Mangalagiu, G. Drochioiu, M. Caprosu, M. Petrovanu and I. Mangalagiu, NEW POTENTIAL ANTI-TUBERCULOSIS COMPOUNDS DERIVED FROM DIAZINE, *Anall. Sci. Univ. Iassi* **11 (1)**, 133-138, **2003**.
- 55) G. Mangalagiu, **C. Moldoveanu**, R. Iruc, M. Caprosu, M. Petrovanu and I. Mangalagiu, 4-METHYLPYRIMIDINIUM YLIDES : A UV-VIS STUDY, *Anall. Sci. Univ. Iassi* **10 (2)**, 267-270, **2002**.
- 56) Zbancioc, Ghe.; Mangalagiu, G.; Dima, St.; **Moldoveanu, C.**; Petrovanu, M.; Mangalagiu, I., MICROWAVE IRRADIATION IN SYNTHESIS OF AZINIUM SALTS, *Anall. Sci. Univ. Iassi* **10 (1)**, 146-149, **2002**.
- 57) I. Mangalagiu, G. Mangalagiu, St. Dima, **C. Moldoveanu**, Gh. Zbancioc and M. Petrovanu., STUDY OF THE BASICITY OF SOME 4-METHYL-PYRIMIDINIUM YLIDES *Anall. Sci. Univ. "Al. I. Cuza" Iassi*, **9(s1c)**, 115-118, **2001**;

f. Articole publicate in extenso, în volumele conferințelor internaționale de specialitate:

1. ZBANCIOC, Gheorghita; **Costel MOLDOVEANU** și Ionel MANGALAGIU. Sinteze de noi derivați benzochinolinici cu activitate anticanceră. In: Integrare prin cercetare și inovare: conferință științifică națională cu participare internațională. Științe exacte și ale naturii, Chișinău, 7-8 noiembrie, 2024. Chișinău: CEP USM, 2024, pp. 666-673. ISBN 978-9975-62-808-2 (PDF). Disponibil: <https://doi.org/10.59295/spd2024n.92>
2. Dorina Amariuca-Mantu, Vasilichia Antoci, Ramona Danac, Dumitrela Diaconu, Violeta Mangalagiu, Gheorghita Zbancioc, **Costel Moldoveanu**, Ionel I. Mangalagiu: AZAHETEROCYCLES: SYNTHESIS, STRUCTURE, APPLICATIONS, ADRIATIC NMR CONFERENCE, June 1–4 **2023**, Mali Ston, Croatia, PUBLISHED BY Croatian Chemical Society, Zagreb, Croatia, EDITORS: Nikola Bregović, Danijel Namjesnik, Predrag Novak, Jelena Parlov Vuković, <https://adriatic-nmr-conference.hkd.hr/>, ISSN 2806-6227, https://adriatic-nmr-conference.hkd.hr/Adriatic_NMR_2023_Book_of_Abstracts.pdf
3. V. Mangalagiu, D. Diaconu, **C. Moldoveanu**, Ghe. Zbancioc, R. Dănac, D. Amăriucă-Mantu, V. Antoci, Mangalagiu, I.I.*Hybrid and chimeric nitrogen heterocycles with biological activity. In: New frontiers in natural product chemistry – Ed. 7, 12-13 octombrie **2023**, Chișinău, Republica Moldova. (Plenary conference). Book of Abstracts / editors: Aculina Arîcu, Veaceslav Kulcički. ISBN 978-9975-62-579-1 (PDF), page 8. Publisher: Moldova State University, Institute of Chemistry, 3 Academiei str., MD-2028, Chișinău, Republic of Moldova https://ibn.idsi.md/sites/default/files/imag_file/NFNPC_2023_Book_Abstracts_DOI_2.pdf
4. **Moldoveanu, C.**; Zbancioc, G.; Antoci, V.; Mangalagiu, I.: „ULTRASOUND ASSISTED SYNTHESIS OF NEW IONIC LIQUIDS IMIDAZOLE BASED” 11th International Conference on Global Research and Education Interacademia 27-30 August **2012**, Budapest Hungary. pg. 257-260, (ISBN: 978-615-5018-37-4).
5. Zbancioc, G.; **Moldoveanu, C.**; Mantu D.; Mangalagiu, I.: „MICROWAVE ASSISTED SYNTHESIS OF NEW HIGHLY FLUORESCENT PYRROLO-IMIDAZOLE” 11th International Conference on Global Research and Education Interacademia 27-30 August **2012**, Budapest Hungary. Pg. 483-487, (ISBN: 978-615-5018-37-4).
6. Zbancioc, G.; Caprosu, M.; **Moldoveanu, C.**; Iruc, R. & Mangalagiu, I.: „Reaction de cycloaddition 1,3-dipolaires de 4-halophenyl-phtalazinium ylures sur des alcenes et alcynes actives”; Troisieme Colloque Franco-Roumain de Chimie Apliquee 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie, pg. 145-147, (ISBN 973-8392-36-5).

7. Drochioiu, G.; Ungureanu, M.; **Moldoveanu, C.**; Mangalagiu, I.; Murariu, M.; Drăgan, D. & Molnar, R.: „Reaction du dinitro-o-cresol dans l’environnement avec permanganate: détermination et décontamination”; Troisième Colloque Franco-Roumain de Chimie Appliquée 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie, pg. 381-384, (ISBN 973-8392-36-5).
8. **Moldoveanu, C.**, Zbancioc, G., Caprosu, M., Mangalagiu, G. & Mangalagiu, I. „Ylures de 4-(4-chlorophenyl) pyrimidinium. Structure, stabilité, réactivité” Troisième Colloque Franco-Roumain de Chimie Appliquée 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie, pg. 639-642, (ISBN 973-8392-36-5).

g. Alte lucrări și contribuții științifice:

Participări conferințe naționale și internaționale:

1. Mangalagiu, I.I.; Amariuca-Mantu, D.; Antoci, V.; Zbancioc, Ghe.; **Moldoveanu, C.**; Cucu, D.; Danac, R.; Mangalagiu, V. Process for obtaining a new class of anthracene-imidazole compounds with antituberculosis activity. European Exhibition of Creativity and Innovation, Euroinvent 20125, May 8-10 **2025**, Iasi, Romania. Class: Innovative Research, pag. 375. RO-129. Poster, ISSN Print: 2601-4564, Online: 2601-4572
2. Ionel I. MANGALAGIU, Dumitrela DIACONU, Violeta MANGALAGIU, Ramona DANAC, Dorina AMARIUCAI-MANTU, Vasilichia ANTOCI, **Costel MOLDOVEANU**, Gheorghita ZBANCIOC. Antimicrobial and anticancer activity of some nitrogen heterocycles. In: IasiCHEM **2024** Conference, 6th Edition, 31 Oct – 01 Nov 2024, Iasi, Romania
3. ZBANCIOC, Gheorghita; **Costel MOLDOVEANU** și Ionel MANGALAGIU. Sinteze de noi derivați benzochinolinici cu activitate anticanceră. In: Integrare prin cercetare și inovare: conferință științifică națională cu participare internațională. Științe exacte și ale naturii, Chișinău, 7-8 noiembrie, 2024. Chișinău: CEP USM, **2024**, pp. 666-673. ISBN 978-9975-62-808-2 (PDF). Disponibil: <https://doi.org/10.59295/spd2024n.92>.
4. Violeta Mangalagiu, Dumitrela Diaconu, **Costel Moldoveanu**, Gheorghita Zbancioc, Ramona Dănac, Dorina Amăruică-Mantu, Vasilichia Antoci, Mangalagiu, I.I.*Hybrid and chimeric nitrogen heterocycles with biological activity. In: New frontiers in natural product chemistry – Ed. 7, 12-13 octombrie **2023**, Chișinău, Republica Moldova. (Plenary conference). https://ibn.idsi.md/sites/default/files/imag_file/NFNPC_2023_Book_Abstracts_DOI_2.pdf
5. Ionel I. Mangalagiu, Dorina Amariuca-Mantu, Vasilichia Antoci, Ramona Danac, Violeta Mangalagiu, **Costel Moldoveanu**, Gheorghita Zbancioc. Hybrid five- and six-member ring azaheterocycles: synthesis and applications. *Progress in Organic and Macromolecular Compounds 28-th Ed.*, Iasi, Romania, October 7-9, **2021**. (Plenary lecture). <https://icmpp.ro/macroiiasi2021/proceedings.php>
6. Vasilichia Antoci, Gheorghita Zbancioc, Liliana Oniciuc, Dorina Amăruică-Mantu, **Costel Moldoveanu**, Ramona Dănac, Cătălina Ciobanu, Violeta Mangalagiu, Mangalagiu, I.I. BENZO[F]QUINOLINIUM SALTS: ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES, *New frontiers in natural product chemistry*, June 4-5, **2021**, Chișinău, Moldova. (Poster presentation, pag. 21). <http://dx.doi.org/10.19261/nfnpc.2021.ab14>.
7. Antoci, V.; Amăruică-Mantu, D.; Mangalagiu, V.; Dănac, R.; **Moldoveanu, C.**; Zbancioc, Ghe.; Mangalagiu, I.I.: Five- and six-member ring nitrogen heterocyclic: chemistry and practical applications, *IasiCHEM 2019*, 3rd Edition, *Faculty of Chemistry Conference*, 31 October-1 November, **2019**, Iasi, Romania (Plenary Conference PC-01, pag. 2).
8. Zbancioc, Ghe.; **Moldoveanu, C.**; Ciobanu, C.; Antoci, V.; Mangalagiu, V.; Amăruică-Mantu, D.; Mangalagiu, I.I.: Microwave assisted reactions of pyrrolodiazine compounds as potential fluorescent biological markers, *IasiCHEM 2019*, 3rd Edition, *Faculty of Chemistry Conference*, 31 October-1 November, **2019**, Iasi, Romania (Oral Communication OC-04, pag.10).
9. Cucu (Diaconu), D.; Antoci, V.; Mangalagiu, V.; Amăruică-Mantu, D.; **Moldoveanu, C.**; Mangalagiu, I.I.: Novel bis-(imidazole/benzimidazole)-pyridine hybrids: synthesis, structure and antimycobacterial activity studies, *IasiCHEM 2019*, 3rd Edition, *Faculty of Chemistry Conference*, 31 October-1 November, **2019**, Iasi, Romania (poster PII-1, pag. 41).
10. **Moldoveanu, C.**; Mangalagiu, V.; Zbancioc, Ghe.; Amăruică-Mantu, D.; Antoci, V.; Cucu (Diaconu), D.; Mangalagiu, I.I.: New insights on the 1,3-dipolar cycloaddition of benzimidazolium ylides, *IasiCHEM 2019*, 3rd Edition, *Faculty of Chemistry Conference*, 31 October-1 November, **2019**, Iasi, Romania (poster PII-18, pag. 58).

11. Cucu, D.; Antoci, V.; Amariuca-Mantu, D.; Ciobanu, C.-I.; **Moldoveanu, C.**; Mangalagiu, V.; Mangalagiu, I.I.: Design, Synthesis, Structure and anti-TB Activity of some New Pyridine Derivatives Anchored with Benzimidazole Moieties, *21th Romanian International Conference on Chemistry and Chemical Engineering, RICCE 21*, 4-7 Septembrie, **2019**, Constanța-Mamaia, România, **S1 – 050**, Poster. <http://ricce21.chimie.upb.ro/program/full-program/>
12. **Moldoveanu, C.**; Zbancioc, Ghe.; Amariuca-Mantu D.; Mangalagiu V.: Antoci V.; Mangalagiu, I.I. New blue fluorescent benzofuran derivatives, „13th International Conference on Heteroatom Chemistry“, 30 June – 05 July, **2019**, (Poster PP34 – pag 158).
13. Zbancioc, Ghe.; **Moldoveanu, C.**; Zbancioc, A.M.; Tataranga, G.; Mangalagiu, I.: New azasteroid compounds: synthesis and spectral analysis, „13th International Conference on Heteroatom Chemistry“, 30 June – 05 July, **2019**, (Poster PP41 – pag 165).
14. Mangalagiu, I.I.; Amariuca-Mantu D.; Antoci V.; Zbancioc, Ghe.; **Moldoveanu, C.**; Cucu D.; Danac R.; Mangalagiu V.: Process for obtaining a novel class of anthracene-imidazole compounds with antituberculosis activity, “The 23th International exhibition of Inventics Inventica 2019“, 26 - 28 June, **2019**, (Poster 130 – pag 167).
15. **Moldoveanu, C.**; Zbancioc, Ghe.; Mangalagiu, I.I. 1,3-Diazolium ylides: an efficient way towards derivatives with multiple functions, World Congress on Functional Materials and Nanotechnology, May 13-14, **2019**, Valencia, Spain. P17, (Poster presentation).
16. Antoci, V.; Amariuca-Mantu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu, V.; Ciobanu, C.; Mangalagiu, I.: New cycloaddition reactions of 4-(2-amino-2-oxoethyl)benzo[f]quinolinium iodide: a comparative study, IasiCHEM 2018 Faculty of Chemistry Conference, 25-26 October, **2018**, Iasi, Romania (Poster presentation PI-21).
17. Zbancioc, Ghe.; **Moldoveanu, C.**; Zvancu, M.A.; Ciobanu, C.; Antoci, V.; Mangalagiu, V.; Amariuca-Mantu, D.; Mangalagiu, I.: Synthesis of new pyrrolodiazine with fluorescent properties, IasiCHEM 2018 Faculty of Chemistry Conference, 25-26 October, **2018**, Iasi, Romania (Poster presentation PI-23).
18. D. Amariuca-Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, P.M. Loiseau, S. Cojean, I. Mangalagiu: New bis-pyridazine derivatives: design and synthesis on new potential candidates for leishmaniasis, XXXV-th Romanian Chemistry Conference 2-5 October **2018**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 1).
19. Ghe. Zbancioc, **C. Moldoveanu**, V. Antoci. D. Mantu, I. Mangalagiu: Synthesis of new azasteroid derivatives with fluorescent properties, XXXV-th Romanian Chemistry Conference 2-5 October **2018**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 37).
20. **C. Moldoveanu**, Ghe. Zbancioc, D. Amariuca-Mantu, V. Antoci. D. Bejan, I. Mangalagiu, New ionic liquids with imidazole skeleton by anion metathesis, XXXV-th Romanian Chemistry Conference 2-5 October **2018**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 17).
21. Zbancioc, Ghe.; **Moldoveanu, C.**; Zbancioc, A.M.; Tataranga, G.; Mangalagiu, I.: Effect of some new monoquaternary salts of benzo[f]quinoline on germination and seedling growth of norway spruce (picea abies (L.) Karsten), 1st International Conference on "Agriculture, Forestry & Life Science", September 6-8, **2018**, Budapest, Hungary (Poster).
22. Mangalagiu, I.I.; Amariuca-Mantu, D.; Mangalagiu, V.; Danac, R.; **Moldoveanu, C.**; Zbancioc, Ghe. Azine, Diazine and Diazols: Chemistry and Applications, 4th European Organic Chemistry Congress, 1-3 March **2018**, London, United Kingdom (oral presentation).
23. Dana Bejan, Gheorghita Zbancioc, Dorina Amariuca-Mantu, Madalina Culica, Ionel Mangalagiu, **Costel Moldoveanu**: Anion metathesis used to obtain new ionic liquids with imidazole skeleton, Chemistry Conference IasiChem 2017, 26 – 28 October **2017**, Iasi, Romania (Poster presentation P16).
24. Gheorghita Zbancioc, **Costel Moldoveanu**, Dorina Amariuca-Mantu, Ionel Mangalagiu: Synthesis benzofuran derivatives with anticipated anticancer activity, 4^{eme} Colloque Franco-Romain de Chimie Medicinale, 5 – 7 Octobre **2017**, Iasi, Romania (Poster presentation P7).
25. Dorina Amariuca-Mantu, Dumitrela Cucu, Bogdan Bratanovici, **Costel Moldoveanu**, Gheorghita Zbancioc, Ionel Mangalagiu: New imidazole/benzimidazole derivatives and their biological interest, 4^{eme} Colloque Franco-Romain de Chimie Medicinale, 5 – 7 Octobre **2017**, Iasi, Romania (Poster presentation P9).
26. Ana Maria Zbancioc, **Costel Moldoveanu**, Violeta Vasilache, Dorina Amariuca-Mantu, Ionel Mangalagiu, Gheorghita Zbancioc: Cytotoxic activity of some dihydroxyacetophenone derivatives, 4^{eme} Colloque Franco-Romain de Chimie Medicinale, 5 – 7 Octobre **2017**, Iasi, Romania (Poster presentation P20).

27. **C. Moldoveanu**, Dana Bejan, Gheorghită Zbancioc, Dorina Amăriucăi-Mantu, Ionel Mangalagiu: New imidazole derivatives possible ionic liquids, 20th Romanian International Conference on Chemistry and Chemical Engineering 6 – 9 September **2017**, Poiana Brasov, Romania (Poster presentation S1-023).
28. Gheorghită Zbancioc, **Costel Moldoveanu**, Dorina Amăriucăi-Mantu, Vasilichia Antoci, Ionel Mangalagiu: Microwave assisted synthesis of some benzofuran derivatives with fluorescent properties, 20th Romanian International Conference on Chemistry and Chemical Engineering 6 – 9 September **2017**, Poiana Brasov, Romania (Poster presentation S1-068).
29. Dorina Amăriucăi-Mantu, Vasilichia Antoci, Maria-Mirabela Grigore, Cătălina Ionica Ciobanu, **Costel Moldoveanu**, Ionel Mangalagiu: NMR complexation studies of some quinoline derivatives, 20th Romanian International Conference on Chemistry and Chemical Engineering 6 – 9 September **2017**, Poiana Brasov, Romania (Poster presentation S1-096).
30. Amariuca-Mantu, D.; Antoci, V.; **Moldoveanu, C.**; Bratanovici, B.; Mangalagiu, I.: New bis-pyridine-imidazole/benzimidazole derivatives: synthesis and their biological properties, XXXIV-th Romanian Chemistry Conference 4-7 October **2016**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 5).
31. Ghe. Zbancioc, **C. Moldoveanu**, V. Antoci. D. Mantu, I. Mangalagiu: Microwave assisted synthesis of some benzofuran derivatives with fluorescent properties, XXXIV-th Romanian Chemistry Conference 4-7 October **2016**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 10).
32. **C. Moldoveanu**, Ghe. Zbancioc, D. Amariuca-Mantu, V. Antoci. D. Maftei, I. Mangalagiu, New mechanistic insights on the cycloaddition of the benzimidazolium ylides, XXXIV-th Romanian Chemistry Conference 4-7 October **2016**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 28).
33. Zbancioc, G.; Maftei, D.; **Moldoveanu, C.**; Antoci, V.; Amariuca-Mantu, D.; Mangalagiu, I.: Synthesis of some benzofuran derivatives with fluorescent properties, Zilele Universitatii "Al. I. Cuza-Iasi", 27-29 Octombrie **2016**, (Poster 41).
34. Bratanovici, B.; Amariuca-Mantu, D.; Antoci, V.; Ciobanu, C.; **Moldoveanu, C.**; Mangalagiu, I.: New bis-pyridine-imidazolium/benzimidazolium salts with acetophenone skeleton: synthesis and NMR characterization, Zilele Universitatii "Al. I. Cuza-Iasi", 27-29 Octombrie **2016**, (Poster 17).
35. Lungu, L.; Smigon, C.; Aricu, A.; Ciocarlan, A; Barba, A.; **Moldoveanu, C.**: Synthesis of new tetranorlabdane compounds with oxadiazole units, Zilele Universitatii "Al. I. Cuza-Iasi", 27-29 Octombrie **2016**, (Poster 40).
36. Zbancioc, A.M.; Tataranga, G.; Jitareanu, A.; **Moldoveanu, C.**; Zbancioc, Ghe.; Mangalagiu, I.: Cytotoxic activity of some dihydroxyacetophenone derivatives, Zilele Universitatii "Al. I. Cuza-Iasi", 29-31 Octombrie **2015**, (Poster 38).
37. Antoci, V.; Mantu, D.; Zbancioc, Ghe.; **Modoveanu, C.**; Mangalagiu, I.I.: Complexation of anthracene-imidazolium salt with different acetate ions: UV-Vis and fluorescence studies, Zilele Universitatii "Al. I. Cuza-Iasi", 29-31 Octombrie **2015**, (Poster 24).
38. Mantu, D.; Antoci, V.; Ciobanu C.-I.; **Modoveanu, C.**; Zbancioc, Ghe.; Mangalagiu, I.I.: Characterization of amide bond conformers of some 3(2H)-pyridazinone N-acylhydrazone derivatives, The International Conference on Science, Ecology and Technology (ICONSETE 2015-Vienna), August 25-29, **2015**, Viena, Austria. (Poster pag 256-257)
39. Zbancioc, A.M.; **Moldoveanu, C.**; Apostu, M.O.; Zbancioc, Ghe.; Tataranga, G.; Mangalagiu, I.: X-Ray structure elucidation of acetophenone derivatives, 15th International Balkan Workshop on Applied Physics", July 2-4, **2015**, (Poster S5 P16 – pag 165).
40. **Moldovenanu, C.**; Apostu, M.; Zbancioc, G.; Mantu, D.; Antoci, V.; Mangalagiu, I.I.: X-Ray structure elucidation of new benzimidazolium hexafluorophosphates, 15th International Balkan Workshop on Applied Physics", July 2-4, **2015**, (Poster S5 P15 – pag 164)
41. Bratanovici, B.; Antoci, V.; Mantu, D.; Ciobanu, C.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu, I.I.: Synthesis and NMR chracterization of new bis-pyridine-imidazolium salt, Sesiunea de comunicari stiintifice a studentilor, masteranzilor si doctoranzilor „CHIMIA - FRONTIERĂ DESCHISĂ SPRE CUNOAȘTERE”, EDIȚIA a VI-a, 26 iunie **2015**, Iasi Romania (Poster).
42. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci. D. Maftei, I. Mangalagiu, New mechanistic insights on the cycloaddition of the benzimidazolium ylides with alkynes, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2014**, (Poster 18).

43. **C. Moldoveanu**, Profesor Lucia Odochian – Contributii aduse la dezvoltarea tehnicii de analiza termica cuplata cu spectrometria de infrarosu in vederea studiului compusilor micro si macromoleculari, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2014**, (Oral Presentation CO 1).
44. A.M.. Zbancioc, G. Tataranga, **C. Moldoveanu**, Ghe. Zbancioc, I. Mangalagiu Microwave assisted synthesis of benzofuran derivatives, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2014**, (Poster 19).
45. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu, Synthesis and characterization of new anthracene-based imidazolium salts, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2014**, (Poster 41).
46. D. Mantu, V. Antoci, M.O. Apostu, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: X-Ray evidence of cyclic and acyclic phtalazinic derivatives with vinyl chain, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2014**, (Poster 40).
47. V. Antoci, D. Mantu, A. Nicolescu, Ghe. Zbancioc, **C. Moldoveanu**, I. I. Mangalagiu: New imidazolium salts: NMR study of their complexation with zinc acetate, 16th Central European NMR Symposium and 16th Central European Bruker NMR User Meeting, October 16th - 17th, **2014**, Zagreb, Croatia (Poster Presentation P-1).
48. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci, D. Maftei, I. Mangalagiu The cycloaddition of the benzimidazolium ylides with alkynes: mechanism elucidation XXXIII-rd Romanian Chemistry Conference 1-3 october **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 28).
49. Ghe. Zbancioc, **C. Moldoveanu**, V. Antoci, D. Mantu, I. Mangalagiu IMIDAZOLIUM AND BENZIMIDAZOLIUM SALTS THROUGH ULTRASOUND ASSISTED SYNTHESIS XXXIII-rd Romanian Chemistry Conference 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 18).
50. L. Lungu, A. Ciocarlan, A. Aricu, A. Barba, E. Gorincioi, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu, N. Vornicu, Synthesis of new biological active pentanorlabdane-azaheterocyclic compounds, XXXIII-rd Romanian Chemistry Conference 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 26).
51. V. Antoci, D. Mantu, D. Maftei, A. Nicolescu, Ghe. Zbancioc, **C. Moldoveanu**, I. I. Mangalagiu: UV-VIS, fluorescence and NMR studies on zinc acetate complexation of novel anthracene-imidazolium salt, XXXIII-rd Romanian Chemistry Conference 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 17).
52. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: Synthesis and characterization of some substituted 3(2H)-pyridazinone acetohydrazide derivatives, XXXIII-rd Romanian Chemistry Conference 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 11).
53. A.M.. Zbancioc, G. Tataranga, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. Mangalagiu: Synthesis and structural analysis of blue fluorescent benzofuran derivatives, VIIIth Symposium on: Nuclear Magnetic resonance in Chemistry, Physics and biological Sciences, September 24th - 26th, **2014**, Warsaw, Poland (Poster Presentation P-37).
54. D. Mantu, V. Antoci, A. Nicolescu, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: NMR evidence of some 3(2H)-pyridazinone acetohydrazide conformers, VIIIth Symposium on: Nuclear Magnetic resonance in Chemistry, Physics and biological Sciences, September 24th - 26th, **2014**, Warsaw, Poland (Poster Presentation P-17).
55. V. Antoci, D. Mantu, A. Nicolescu, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: NMR studies of unexpected pyrrolo-phtalazinic compounds with vinyl chain, VIIIth Symposium on: Nuclear Magnetic resonance in Chemistry, Physics and biological Sciences, September 24th - 26th, **2014**, Warsaw, Poland (Poster Presentation P-1).
56. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: Synthesis and structure of some new pyridazin-3(2H)- ones using their N2-unsubstituted analogues and hydrazine hydrate, Huitieme Colloque Franco-Roumain de Chimie Apliquee 15-18 Septembre **2014**, Montpellier, France, (Poster presentation A. 17).
57. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci, I. Mangalagiu X-RAY STRUCTURE ELUCIDATION OF New Pyrrolo DERIVATIVES 14th International Balkan Workshop on Applied Physics 2-4 of July **2014**, Constanta, Romania (Poster presentation S4 P12).
58. Ghe. Zbancioc, **C. Moldoveanu**, A.M.. Zbancioc, G. Tataranga, I. Mangalagiu NEW PYRROLOQUINOXALINE COMPOUNDS: SYNTHESIS AND SPECTRAL ANALYSES 14th International Balkan Workshop on Applied Physics 2-4 of July **2014**, Constanta, Romania (Poster presentation S4 P13).

59. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci, I. Mangalagiu Imidazolium salts as ionic liquids via ultrasound assisted synthesis The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova May 28-30 **2014**, Chisinau, Moldova (Poster presentation P 154).
60. Ghe. Zbancioc, **C. Moldoveanu**, D. Maftai, D. Mantu, V. Antoci, I. Mangalagiu XRD structure elucidation of new fluorescent pyrrolo-imidazole derivatives The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova May 28-30 **2014**, Chisinau, Moldova (Poster presentation P 167).
61. A. Ciocarlan, A. Aricu, L. Lungu, A. Barba, E. Gorincioi, R. Popescu, O. Dinca, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu Synthesis of hybrid terpeno-azaheterocyclic compounds, The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova May 28-30 **2014**, Chisinau, Moldova (Poster presentation P 167).
62. L. Odochian, **C. Moldoveanu**, D. Maftai: CONTRIBUȚII LA ELUCIDAREA MECANISMULUI DE DEGRADARE TERMICA IN ATMOSFERA DE AZOT A PTFE PRIN ANALIZA TG-FTIR. INFLUENTA DIMENSIUNII PARTICULEI Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P33**).
63. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, P. M. Stiuleac, I. O. Silea, I. Mangalagiu SINTEZA DE NOI LICHIDE IONICE CU SCHELET IMIDAZOLIC Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P4**).
64. I.M. Risca, **C. Moldoveanu**, L. Fartais, V. Vasilache, EFFECT OF SOME NEW IMIDAZOLE DERIVATIVES ON PEROXIDASE ACTIVITY OF WHEAT SEEDS (TRITICUM AESTIVUM) DURING GERMINATION Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P27**).
65. Ghe. Zbancioc, **C. Moldoveanu**, D. Maftai, V. Antoci, I. Mangalagiu: SINTEZA ȘI ELUCIDAREA STRUCTURII UNOR NOI DERIVATI DE PIRROLO-IMIDAZOL FLUORESCENTI Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P3**).
66. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: SYNTHESIS OF NEW IMIDAZOLE/BENZIMIDAZOLE SALTS, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P2**).
67. V. Antoci, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, A. Nicolescu, I. I. Mangalagiu: NEW *BIS*-IMIDAZOLIUM SALTS: SYNTHESIS AND NMR CHARACTERIZATION, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P6**).
68. I. Voda, C. Turta, Ghe. Zbancioc, **C. Moldoveanu**, M. Apostu, I. Mangalagiu: SYNTHESIS, SPECTRAL CHARACTERIZATION AND X-RAY STRUCTURE OF A NEW COORDINATION COMPOUND OF COBALT (II) AND N,N'-(BUTANE-1,4-DIYL)BIS(2-(1H-BENZIMIDAZOL-1-YL)ACETAMIDE, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**SC6**).
69. I. Voda, C. Turta, R. W. Harrington, A. Benniston, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: SYNTHESIS, SPECTRAL INVESTIGATION AND X-RAY STRUCTURE ELUCIDATION OF NEW PRECURSORS FOR N,O-CORONAND LIGANDS, Zilele Academiei Iesene - A XXIV-a Sesiune de Comunicari Stiintifice a Institutului de Chimie Macromoleculara „P. Poni”, Iasi, 3 - 5 Octombrie **2013**, (Poster **P47**).
70. Mantu, D.; **Moldoveanu, C.**; Zbancioc, G.; Antoci, V.; Stoian, I.; Mangalagiu, I.: „SYNTHESIS OF NEW IONIC LIQUIDS IMIDAZOLE BASED” XIV European Symposium on Organic Reactivity ESOR 2013, 1-6 September **2013**, Prague, Czech Republic. (poster 69)
71. Zbancioc, G.; Maftai D.; **Moldoveanu, C.**; Zbancioc, A.M.; Tataringa, G.; Mangalagiu, I.: „SYNTHESIS AND XRD STRUCTURE ELUCIDATION OF NEW FLUORESCENT PYRROLO-IMIDAZOLE” XIV European Symposium on Organic Reactivity ESOR 2013, 1-6 September **2013**, Prague, Czech Republic. (poster 137)
72. Mantu, D.; Antoci, V.; **Moldoveanu, C.**; Nicolaescu, A.; Deleanu, C.; Sova, S.; Mangalagiu, I.: „SYNTHESIS AND STRUCTURE OF UNEXPECTED FUSED NITROGEN HETEROCYCLES USING SOME PYRIDAZIN-3-(2H)-ONE DERIVATIVES” STREAM Symposium for young researchers on Strengthening the Romanian research capacity in Multifunctional Polymeric Materials (STREAM) Summer School 2013, 8-13 July **2013**, Iasi, Romania. (oral presentation)
73. Antoci, V.; Mantu, D.; Zbancioc, G.; **Moldoveanu, C.**; Nicolaescu, A.; Mangalagiu, I.: „NMR STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH PHENYL ACETATE CHAIN” STREAM Symposium for young researchers on Strengthening the Romanian research capacity in Multifunctional Polymeric Materials (STREAM) Summer School 2013, 8-13 July **2013**, Iasi, Romania. (oral presentation)
74. Mantu, D.; Antoci, V.; **Moldoveanu, C.**; Sova, S.; Mangalagiu, I.: NMR AND X-RAY COMPLETE CHARACTERIZATION OF SOME UNEXPECTED FUSED AZAHETEROCYCLES, *E U R O I N V E N T*, European Exhibition of Creativity and

Innovation, Iasi, Romania, 9-11 May **2013**, poster 20.1., pag.152, (Book of abstract), ISBN: 978- 973-703-891-3, (diploma de excelenta).

75. L. Odochian, **C. Moldoveanu**, D. Maftai: CONTRIBUTION TO THE THERMAL DEGRADATION MECHANISM UNDER NITROGEN AND AIR ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE PARTICLE SIZE Al 22-lea Simpozion anual de Comunicari Stiintifice Academia Romana, Bucuresti, 15 februarie **2013**, (Communication 11).
76. V. Antoci, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: UV-VIS STUDIES OF NEW ISOINDOLO-1,2-DIAZINE COMPOUNDS WITH ACETOPHENONIC CHAIN The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie **2012**, (Poster P6).
77. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, I. Mangalagiu: NMR STUDY ON STRUCTURE ELUCIDATION OF NEW IMIDAZOLE LIGANDS The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie **2012**, (Poster P62).
78. I. Voda, **C. Moldoveanu**, Ghe. Zbancioc, C. Turta, I. Mangalagiu: SYNTHESIS AND NMR INVESTIGATION OF A NEW COMPOUND RESULTING FROM A QUATERNIZATION USING IODACETAMIDE AND AN ALIPHATIC AMIDE DERIVATIVE CONTAINING IMIDAZOLE The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie **2012**, (Poster P94).
79. Ghe. Zbancioc, **C. Moldoveanu**, V. Antoci, I. Mangalagiu: NMR STUDY OF NEW OXA-CORONANDS WITH MULTIPLE BINDING SITES The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie **2012**, (Poster P99).
80. D. Mantu, V. Antoci, **C. Moldoveanu**, S. Sova, A. Nicolescu, I. Mangalagiu: X-RAY STUDIES OF SOME UNEXPECTED FUSED AZAHETEROCYCLES Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie **2012**, (Poster P19).
81. I. Stoian, P. M. Stiuleac, I. O. Silea, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: ULTRASOUND ASSISTED SYNTHESIS OF NEW IMIDAZOLIUM SALTS Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie **2012**, (Poster P29).
82. Ghe. Zbancioc, **C. Moldoveanu**, D. Mantu, V. Antoci, I. Mangalagiu: SYNTHESIS OF NEW CORONANDS AND SPIRO-DERIVATIVES USING ULTRASONIC IRRADIATION Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie **2012**, (Poster P29).
83. L. Odochian, **C. Moldoveanu**, A. Mocanu, D. Maftai: CONTRIBUTION TO THE THERMAL DEGRADATION MECHANISM UNDER NITROGEN ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE PARTICLE SIZE Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie **2012**, (Poster P31).
84. L. Odochian, **C. Moldoveanu**, I. Lorela, A. Baiceanu, P. Angela, C. Paius: ASPECTS OF THERMAL BEHAVIOUR IN AIR OF CASEIN INVESTIGATED BY FTIR AND CALORIMETRY Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie **2012**, (Poster P14).
85. **Moldoveanu, C.**; Zbancioc, Ghe.; Maftai, D.; Stoian, I.; Mangalagiu I.: „SYNTHESIS OF NEW IMIDAZOLE DERIVATIVES POSSIBLE IONIC LIQUIDS USING ULTRASOUND IRRADIATION”; XXXII-st Romanian Chemistry Conference 3-5 october **2012**, Călimănești-Căciulata, Valcea, Romania (Poster presentation P.S.I. 16).
86. Zbancioc, Ghe.; **Moldoveanu, C.**; Antoci, V.; Mantu, D.; Mangalagiu I.: „SYNTHESIS OF NEW HIGHLY FUNCTIONALIZED CORONANDS OR SPIRO-DERIVATIVES USING ULTRASONIC IRRADIATION”; XXXII-st Romanian Chemistry Conference 3-5 october **2012**, Călimănești-Căciulata, Valcea, Romania (Poster presentation P.S.I. 24).
87. **Moldoveanu, C.**; Zbancioc, G.; Antoci, V.; Mangalagiu, I.: „ULTRASOUND ASSISTED SYNTHESIS OF NEW IONIC LIQUIDS IMIDAZOLE BASED” 11th International Conference on Global Research and Education Interacademia 27-30 August **2012**, Budapest Hungary. (oral presentation)
88. Zbancioc, G.; **Moldoveanu, C.**; Mantu D.; Mangalagiu, I.: „MICROWAVE ASSISTED SYNTHESIS OF NEW HIGHLY FLUORESCENT PYRROLO-IMIDAZOLE” 11th International Conference on Global Research and Education Interacademia 27-30 August **2012**, Budapest Hungary. (poster)
89. Zbancioc, G.; **Moldoveanu, C.**; Stiuleac P. M.; Silea I. O.; Mangalagiu, I.: „SYNTHÈSE DE NOUVEAUX PYRROLO-IMIDAZOLE DÉRIVÉS AVEC DES PROPRIÉTÉS DE FLUORESCENCE”; Septieme Colloque Franco-Roumain de Chimie Appliquee 27-29 juin **2012**, Bacău, Roumanie (Poster 25, pp 70).
90. **Moldoveanu, C.**; Zbancioc, G.; Stoian I.; Mangalagiu, I.: „SYNTHÈSE ASSISTÉE PAR ULTRASONS DE NOUVEAUX LIQUIDES IONIQUES DÉRIVÉS DE L’IMIDAZOLE”; Septieme Colloque Franco-Roumain de Chimie Appliquee 27-29 juin **2012**, Bacău, Roumanie (Poster 13, pp 47).
91. Vasilichia Bejan (Antoci), Dorina Mantu, Sergiu Sova, Gheorghita Zbancioc, **Costel Moldoveanu**, Ionel I. Mangalagiu, X-RAY DIFFRACTION STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH VINYL CHAIN, The 14th JCF-Frühjahrssymposium 2012, 18-21 March **2012**, Rostock – Germany (poster 10).

92. L. Odochian, **C. Moldoveanu**, A. M. Mocanu, C. M. Paius, N. Apostolescu: TG-FTIR STUDY ON THERMAL DEGRADATION OF CASEIN IN NITROGEN AND AIR ATMOSPHERE Al 21-lea Simpozion anual de Comunicari Stiintifice Academia Romana, Bucuresti, 17 februarie **2012**, (Communication 16).
93. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: UV-VIS STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH VINYL CHAIN, 10th International Conference on Global Research and Education, Sucevita 26 - 29 September **2011**, (Poster IAY 25).
94. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: NEW AZAHETEROCYCLIC COMPOUNDS WITH VINYL CHAIN: ECO-FRIENDLY SYNTHESIS, 17th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia 7 - 10 September **2011**, (Poster S1 – A.P12).
95. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: NEW PYRROLO-DIAZINIC COMPOUNDS WITH VINYL CHAIN: SYNTHESIS AND SPECTRAL ANALYSES, 12th International Balkan WORKSHOP on Applied Physics, Constanta 6 - 8 July **2011**, (Poster S5 P32).
96. Ghe. Zbancioc, **C. Moldoveanu**, V. Bejan, I. Mangalagiu: MICROWAVE ASSISTED SYNTHESIS OF BLUE LUMINOPHORS European Exhibition of Creativity and Innovation EURO INVENT, Iasi 12 - 14 May **2011**, (Innovative Researches R.25.). **Silver Medal**.
97. **C. Moldoveanu**, D. Astefanei, D. Maftai, Ghe. Zbancioc, I. Stoian, I. Mangalagiu: NEW IMIDAZOLE BASED IONIC LIQUIDS European Exhibition of Creativity and Innovation EURO INVENT, Iasi 12 - 14 May **2011**, (Innovative Researches R.29.). **Diploma of Excellence**.
98. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: FLUORESCENT STUDIES OF PYRROLO-AZAHETEROCYCLIC COMPOUNDS PRECURSORS FOR SYNTHESIS OF NEW POLYMERIC MATERIALS International Conference on Material Science and Engineering BraMat, Brasov 24 - 26 February **2011**, (Poster II.P.47).
99. L. Odochian, **C. Moldoveanu**, A. M. Mocanu, N. Apostolescu: TG-FTIR METHOD APPLIED TO THE STUDY OF THE THERMAL DEGRADATION MECHANISM OF ADDITIVE-CONTAINING PTFE IN AIR AND UNDER NITROGEN ATMOSPHERE Al 20-lea Simpozion anual de Comunicari Stiintifice Academia Romana, 11 februarie **2011**, (Communication 20).
100. L. Odochian, A. M. Mocanu, **C. Moldoveanu**, N. Apostolescu, M. Romila: CONTRIBUȚII LA MECANISMUL DEGRADĂRII TERMICE ÎN AER ȘI AZOT A PTFE ADITIVATĂ PRIN TG-FTIR Zilele Universitatii "Al. I. Cuza-Iasi", 12 - 13 noiembrie **2010**, (Poster P4).
101. D. Mantu, V. Bejan, **C. Moldoveanu**, Ghe. Zbancioc, I. Mangalagiu: NEW PYRIDAZINE DERIVATIVES AND THEIR ANTITUBERCULOSIS ACTIVITY Zilele Universitatii "Al. I. Cuza-Iasi", 12 - 13 noiembrie **2010**, (Poster P51).
102. Bejan, V.; Mantu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: UV-VIS STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH FLUORESCENT PROPERTIES 2-nd National Conference with International Participation Nanostructured Multifunctional Materials, Universitatea "Al. I. Cuza-Iasi", 4 - 5 noiembrie **2010**, (Poster 8-P-4).
103. Gheorghita, C.A.; Supuran, C.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: FLUORESCENT COMPOUNDS WITH DIAZINIC SKELETON 2-nd National Conference with International Participation Nanostructured Multifunctional Materials, Universitatea "Al. I. Cuza-Iasi", 4 - 5 noiembrie **2010**, (Poster 8-P-8).
104. Gheorghita, C.A.; Supuran, C.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: „HYBRID SULFONAMIDES WITH DIAZINIUM SKELETON”; 1-ere Colloque Franco-Roumain de Chimie Medicinale 7-8 october **2010**, Universite Al. I. Cuza Iasi, Roumanie (poster P. 14).
105. Mantu, D.; Bejan, V.; **Moldoveanu, C.**; Zbancioc, Ghe.; Mangalagiu I.: „NOUVELLES PYRIDAZINONES N-SUBSTITUEES ET LEUR ACTIVITE ANTITUBERCULEUSE”; 1-ere Colloque Franco-Roumain de Chimie Medicinale 7-8 october **2010**, Universite Al. I. Cuza Iasi, Roumanie (poster P. 47).
106. Bejan, V.; Mantu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: „ETUDES BIOLOGIQUES (PROPRIETES ANTI-CANCEREUSES) DE NOUVEAUX COMPOSES PYRROLO-AZAHETEROCYCLIQUES”; 1-ere Colloque Franco-Roumain de Chimie Medicinale 7-8 october **2010**, Universite Al. I. Cuza Iasi, Roumanie (poster P. 4).
107. **Moldoveanu, C.**; Astefanei, D.; Risca, M.; Zbancioc, Ghe.; Mangalagiu I.: „IMIDAZOLE DERIVATIVES WITH POTENTIAL PRACTICAL APPLICATIONS”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (oral presentation C.S.I. 10).
108. Zbancioc, Ghe.; Bejan, V.; **Moldoveanu, C.**; Mangalagiu I.: „SYNTHESIS OF FLUORESCENT PYRROLO-DIAZINE DERIVATIVES”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (oral presentation C.S.I. 14).
109. Bejan, V.; Mantu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: „SYNTHESIS OF QUATERNARY SALTS, PRECURSORS OF SOME PYRROLO-AZAHETEROCYCLIC COMPOUNDS (CLASSICAL VERSUS ULTRASOUNDS)”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (poster P.S.I. 4).

110. Mantu, D.; Bejan, V.; **Moldoveanu, C.**; Mangalagiu I.: „NEW PYRIDAZINE DERIVATIVES AND THEIR ANTITUBERCULOSIS ACTIVITY”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (poster P.S.I. 15).
111. L. Odochian, A. M. Mocanu, N. Apostolescu, **C. Moldoveanu**: COMPARATIVE STUDY ON THERMAL DEGRADATION OF NEW DIAZOAMINODERIVATIVES UNDER AIR AND NITROGEN ATMOSPHERE BY TG-FTIR ANALYSIS Al 19-lea Simpozion anual de Comunicari Stiintifice Academia Romana, 12 februarie **2010** (Communication).
112. A. M. Mocanu, L. Odochian, **C. Moldoveanu**, N. Apostolescu: ANALIZA TG-FTIR ÎN AER A UNOR NOI DIAZOAMINODERIVATI (II), Zilele Universitatii “Al. I. Cuza-Iasi”, 30 - 31 octombrie **2009**, (Poster P72).
113. A. M. Mocanu, L. Odochian, N. Apostolescu, G. Carja, **C. Moldoveanu**: STUDY ON THERMAL BEHAVIOUR OF SOME NEW DIAZOAMINODERIVATIVES IN AIR AND BY EVOLVED GAS ANALYSIS (TG-FTIR) Al 18-lea Simpozion anual de Comunicari Stiintifice Academia Romana, 12 februarie **2009** (Communication 8).
114. **Moldoveanu C.**, Zbancioc A.M., Florea O., Mangalagiu, I. SYNTHESIS OF MACROCYCLIC PRECURSORS BY CONVENTIONAL AND NONCONVENTIONAL METHODS, The 2nd European Chemistry Congress, 16-20 September **2008**, Torino – Italy (poster I-III-P-018).
115. Zbancioc, G.; **Moldoveanu, C.**; Mangalagiu, I.: „SYNTHESE DE NOUVELLES PYRROLOPYRIDAZINES HAUTEMENT FLUORESCENTES”; Cinquieme Colloque Franco-Roumain de Chimie Appliquee 25-29 juin **2008**, Bacău, Roumanie (pp. 84).
116. **Moldoveanu, C.**; Mangalagiu, G.; Zbancioc, G.; Mangalagiu, I.: „ETUDE UV-VISIBLE SUR LA STABILITE DES YLURES DE 4-(4-CHLOROPHENYL)PYRIMIDINIUM”; Cinquieme Colloque Franco-Roumain de Chimie Appliquee 25-29 juin **2008**, Bacău, Roumanie (pp 64).
117. Odochian, L., **Moldoveanu, C.**, Mocanu, A., Cârjă, G.: „CORELAREA STRUCTURII UNOR NOI COMPLEXEȘI HIDRAZINICI CU TERMOSTABILITATEA ȘI MECANISMUL LOR DE DEGRADARE TERMICĂ”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Scurta comunicare SC2).
118. **C. Moldoveanu**, M. Rîșca, G. Zbancioc, I Mangalagiu: „NOI DERIVAȚI DE IMIDAZOL: SINTEZA ȘI EFECTUL LOR ASUPRA GERMINAȚIEI ȘI CREȘTERII PLANTELOR”; Zilele Universitatii “Al. I. Cuza-Iasi”, Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P25).
119. G. Zbancioc, A.M. Zbancioc, **C. Moldoveanu**, I Mangalagiu: „SINTEZA ASISTATĂ DE MICROUNDE A UNOR INTERMEDIARI MACROCICLICI CU POTENȚIALĂ ACTIVITATE ANTICANCEROASĂ”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P26).
120. Mocanu, A., **Moldoveanu, C.**, Odochian, L.: „STUDIUL PRIN METODE TERMICE NEIZOTERME A UNOR NOI AZOMETINE”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P22).
121. Păiuș, M.C., **Moldoveanu, C.**, Odochian, L., Constantinescu, M., Șoldea, C.: „CINETICA REACȚIEI DE OBTINERE A INTERMEDIARULUI CHEE ÎN PREPARAREA MOSCULUI DE XILEN DIN AMESTEC DE XILEN”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P24).
122. **C. Moldoveanu**, M. Rîșca, G. Zbancioc, I Mangalagiu: „NOI DERIVAȚI DE IMIDAZOL: SINTEZA ȘI EFECTUL LOR ASUPRA GERMINAȚIEI ȘI CREȘTERII PLANTELOR”; XXX-th Romanian Chemistry Conference 8-10 october **2008**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 44).
123. G. Zbancioc, A.M. Zbancioc, **C. Moldoveanu**, I Mangalagiu: „SINTEZA UNOR PRECURSORI MACROCICLICI PRIN METODE NECONVENȚIONALE”; XXX-th Romanian Chemistry Conference 8-10 october **2008**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 72).
124. **Moldoveanu, C.**, Odochian, L., Mangalagiu, I., Dumitraș, M., Apostolescu, N.: „STUDIUL ILIDELOR CU CARBANION CICLIC DERIVATE DE LA 4-(4-CLOROFENIL)-PIRIMIDINĂ PRIN METODELE TERMICE TG-DTG-DTA”; Zilele Universitatii “Al. I. Cuza-Iasi”, 26 - 27 octombrie **2007**, (Prezentare orală PO4).
125. **Moldoveanu, C.**, Odochian, L., Mangalagiu, I., Dumitraș, M., Apostolescu, N.: „STUDIUL UNOR NOI ILIDE CICLICE ȘI A UNOR NOI SPIRANI PRIN METODE TERMICE”; Zilele Universitatii “Al. I. Cuza-Iasi”, 26 - 27 octombrie **2007**, (Poster P63).
126. Zbancioc, Ghe., **Moldoveanu, C.**, Caprosu, M., Mangalagiu, I. „SYNTHESIS OF HIGHLY FLUORESCENT MATERIALS THROUGH ECO-FRIENDLY METHODS” 1-st Conference Nanostructured Multifunctional Materials, 18-20 October **2007**, Sinaia, Romania (poster P-7-05).
127. **Moldoveanu, C.**, Mangalagiu, G., Maftai, D., Mangalagiu, I. „NEW PYRROLOPYRIMIDINE DERIVATIVES UNDER ULTRASOUNDS IRRADIATION” 1-st Conference Nanostructured Multifunctional Materials, 18-20 October **2007**, Sinaia, Romania (poster P-2-02).

128. **Moldoveanu, C.**, Mangalagiu, G., Maftai, D., Petrovanu, M., Mangalagiu, I. „REACTIA 4-(4-CLOROFENIL)PIRIMIDINU ILIDELOR CU METIL PROPIOLAT: UN STUDIU TEORETIC SI EXPERIMENTAL” A XXI-a Sesiune de comunicari stiintifice a I.C.M. „Petru Poni” Iasi, 26-29 septembrie **2007**, Iasi, Romania (poster P.I.2).
129. Mangalagiu, I.I.; Zbancioc, Ghe.; **Moldoveanu, C.**; Caprosu, M.:SYNTHESIS OF HIGHLY FLUORESCENT MATERIALS THROUGH ECO-FRIENDLY METHODS, 41st IUPAC World Chemistry Congress, August 5-11, **2007**. Torino, Italia, SO8P30, pag. 204, Poster.
130. G. Zbancioc, **C. Moldoveanu**, A. M. Balan, M. Livadariu, O. Florea, I. I. Mangalagiu, Precursors of Coronands with Hydroxyacetophenone Skeleton: Synthesis, Structure and Properties, International Symposium on Organic Chemistry, December 9-12, **2006**, Sofia, Bulgaria (poster P2-18).
131. A. M. Balan, **C. Moldoveanu**, G. Zbancioc, O. Florea, I. I. Mangalagiu, Precursors of Coronands with Aliphatic Arms: Synthesis, Structure and Properties, International Symposium on Organic Chemistry, December 9-12, **2006**, Sofia, Bulgaria (poster P2-11).
132. **C. Moldoveanu**, G. Zbancioc, Geanina Mangalagiu, I Mangalagiu: „ILIDE CU CARBANION CICLIC DERIVATE DE LA 4-R-PIRIMIDINA”; Zilele Universitatii “Al. I. Cuza-Iasi”, 27 - 28 octombrie **2006**, (Prezentare orala PO3).
133. G. Zbancioc, **C. Moldoveanu**, Maria Caprosu, I Mangalagiu: „UTILIZAREA MICROUNDELOR IN SINTEZA UNOR DERIVATI PIROLOPIRIDAZINICI PUTERNIC FLUORESCENTI”; Zilele Universitatii “Al. I. Cuza-Iasi”, 27 - 28 octombrie **2006**, (Prezentare orala PO2).
134. **C. Moldoveanu**, Geanina Mangalagiu, Magda Petrovanu, I Mangalagiu: „REACTIA 4-R-PIRIMIDINIU ILIDELOR CU ALCHINE ACTIVATE”; XXIX-th Romanian Chemistry Conference 4-6 october **2006**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 54).
135. **C. Moldoveanu**, M. Livadariu, A. Corbu, I. Mangalagiu, SYNTHESIS OF MACROCYCLIC PRECURSORS BY CONVENTIONAL AND NONCONVENTIONAL METHODS, The 1st European Chemistry Congress, 27-31 August **2006**, Budapest – Hungary (poster G-PO-57).
136. I. Mangalagiu, M. Florescu, Ghe.. Zbancioc, **C. Moldoveanu**, M. Caprosu, SYNTHESIS OF NEW 1,2-DIAZINE NANOMATERIALS, International Conference on Nanoscience and Technology 2006, 30 July - 04 august **2006**, Berna – Elvetia (poster 1292).
137. **Costel Moldoveanu**, Gheorghita Zbancioc, Geanina Mangalagiu, Ionel I. Mangalagiu, THE ACTION OF CYCLIC UNSATURATED ANHYDRIDE TOWARD 4-R-PYRIMIDINES, The JCF-Frühjahrssymposium 2006, 16-18 March **2006**, Konstanz – Germany (poster P64).
138. Gheorghita Zbancioc, **Costel Moldoveanu**, Maria Caprosu, Ionel I. Mangalagiu, MICROWAVE-ASSISTED [3+2] DIPOLAR CYCLOADDITION REACTIONS OF PYRIDAZINIUM YLIDES LEADING TO HIGHLY FLUORESCENT PYRROLOPYRIDAZINE DERIVATIVES, The JCF-Frühjahrssymposium **2006**, 16-18 March **2006**, Konstanz – Germany (poster P109).
139. **C. Moldoveanu**, Ghe. Zbancioc, Geanina Mangalagiu, Maria Caprosu and I Mangalagiu, „4-R-PYRIMIDINIUM YLIDES WITH CYCLIC CARBANION”, The XIV-th Romanian International Conference on Chemistry and Chemical Engineering, 22-24 September **2005**, Bucharest – ROMANIA (poster S07-P-06).
140. Ghe. Zbancioc, Maria Caprosu, **C. Moldoveanu**, Magda Petrovanu, I. Mangalagiu, “MICROWAVE ASSISTED 1,3-DIPOLAR CYCLOADDITION REACTIONS OF 1,2-DIAZINIUM YLIDES IN SOLID-PHASE”, The XIV-th Romanian International Conference on Chemistry and Chemical Engineering, 22-24 September **2005**, Bucharest – ROMANIA (poster S07-P-07).
141. **C. Moldoveanu**, G. Zbancioc, Geanina Mangalagiu, Maria Caprosu and I Mangalagiu: „THE CYCLOADDITION REACTION OF 4-METHYL- AND 4-(HALOPHENYL) PYRIMIDINIUM (4-HALOBENZOYL)METHYLIDES WITH METHYL PROP-2-YNOATE”; Zilele Universitatii “Al. I. Cuza-Iasi”, 28 - 29 octombrie **2005**, (Poster P27).
142. G. Zbancioc, M Caprosu, **C. Moldoveanu**, M. Petrovanu and I. Mangalagiu : „MICROWAVE ASSISTED INACTIVATION REACTION OF PHTHALAZINIUM YLIDES”; Zilele Universitatii “Al. I. Cuza-Iasi”, 28 - 29 octombrie **2005**, (Poster P28).
143. Zbancioc, G.; Caprosu, M.; **Moldoveanu, C.**; Iruc, R. & Mangalagiu, I.: „Reaction de cycloaddition 1,3-dipolaires de 4-halophenyl-phtalazinium ylures sur des alcenes et alcyne actives”; Troisieme Colloque Franco-Roumain de Chimie Apliquee 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie (poster A 42).
144. Drochioiu, G.; Ungureanu, M.; **Moldoveanu, C.**; Mangalagiu, I.; Murariu, M.; Drăgan, D. & Molnar, R.: „Reaction du dinitro-o-cresol dans l’environnement avec permanganate: determination et

decontamination”; Troisieme Colloque Franco-Roumain de Chimie Apliquee 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie (communication orale C 5)

145. **Moldoveanu, C.**, Zbancioc, G., Caprosu, M., Mangalagiu, G. & Mangalagiu, I. „Ylures de 4-(4-chlorophenyl) pyrimidinium. Structure, stabilitate, reactivitate” Troisieme Colloque Franco-Roumain de Chimie Apliquee 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie (poster F 16).
146. Zbancioc, G.; **Moldoveanu, C.**; Caprosu, M.; Petrovanu, M., and Mangalagiu, I.: „Microwave assisted reactions in the diazine heterocycles series”; XXVIII-th romanian chemistry conference 6-8 october **2004**, Calimanesti-Caciulata, Valcea, Romania (conference C.S.I. 5).
147. Mangalagiu, G.; **Moldoveanu, C.**; Zbancioc, G.; Petrovanu, M., and Mangalagiu, I.: „Pyrimidinium ylides. Structure, stability, properties”; XXVIII-th Romanian chemistry conference 6-8 October **2004**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 33).
148. Drochioiu, G.; Ungureanu, M.; **Moldoveanu, C.**; Mangalagiu, I.; Murariu, M.; Drăgan, D. & Molnar, R.: „La reaction du dinitro-o-cresol avec permanganate: determination et decontamination”; Zilele Universitatii “Al. I. Cuza-Iasi “, 29 - 30 octombrie **2004**, (Poster P70)
149. G. Zbancioc, M Caprosu, **C. Moldoveanu**, M. Petrovanu and I. Mangalagiu : „MICROWAVE ASSISTED 1,3 - DIPOLAR CYCLOADDITION REACTIONS OF 4-HALOBENZOYLPHTHALAZINIUM YLIDES”; Zilele Universitatii “Al. I. Cuza-Iasi “, 29 - 30 octombrie **2004**, (Poster P92)
150. **C. Moldoveanu**, M. Harhota, G. Zbancioc, M. Caprosu, M. Petrovanu and I. Mangalagiu: „4-R-PYRIMIDINIUM YLIDES. STRUCTURE. STABILITY. PROPERTIES. BIOLOGICAL ACTIVITY”; Zilele Universitatii “Al. I. Cuza-Iasi “, 29 - 30 octombrie **2004**, (Poster P82).
151. Caprosu, M.; Zbancioc, Ghe. ; **Moldoveanu, C.**; Mangalagiu, I. si Petrovanu, M: “1,3 dipolar cycloaddition of 4-halophenylphtalazinium ylides with activated alkynes and alkenes ”; “Al. I. Cuza-Iasi “ University’s days, 31 October -1 November **2003**.
152. **Moldoveanu, C.** ; Mangalagiu, G. si Mangalagiu, I. : “New pyrimidinium ylides. Synthesis and spectral characterization of 4-(4-chlorophenyl)-pyrimidinium salts. “; “Al. I. Cuza-Iasi “ University’s days, 31 October -1 November **2003**.
153. I. Mangalagiu, Maria C. Caprosu, Geanina C. Mangalagiu, Ghe. Zbancioc, **C. Moldoveanu** and Magda Ghe. Petrovanu: “Diazinium Methylides: Reaction with alkynes”, 3rd International Conference of the Chemical Societies of the South-Eastern European Countries, Bucuresti, Romania, September 22-25 **2002**. PO002 (in English). Poster.
154. Drochioiu, G.: Mangalagiu, G., **Moldoveanu, C.**; Petrovanu, M.; Mangalagiu, I.: “A XXVII-A SESIUNE NATIONALA DE CHIMIE”, P-48, pag. 73, “Reactii ale N-heterociclorilor sub actiunea microundelor”, Rimnicu-Valcea, October **2002**, (in English). Poster.

Granturi de cercetare:

-3 granturi ca director:

1. Grant bilateral Romania – Moldova **PN-III-P3-3.1-PM-RO-MD-2016-0205**, grant nr. **31BM/15.09.2016**
Titlu: *Sinteza dirijată și studiul unor complecși chirali conținând liganzi terpeno-heterociclici*,
Finanțator: Guvernul Moldovei și Guvernul României (ANCS, PN-II, Modul III)
Director: conf.dr. Costel Moldoveanu, Romania/ CP I. dr. Aculina Arîcu, Academy of Science of Rep. Moldova
Durata: 2016 – 2017.
2. Grant **TE**; cod UEFISCDI **PN-II-RU-TE-2011-3-0010**
Finanțator: Ministerul Educației și Cercetării
Titlu: *Noi derivați de imidazol – de la lichide ionice la carbene N-heterociclice – cu potențiale aplicații practice*
Director: Lect. dr. Costel MOLDOVEANU
Durata: Octombrie 2011 – Octombrie 2014
3. Grant **TD**; Nr. contract: **60GR/2006**; Tema: **7**; Cod CNCISIS: **432**
Finanțator: Ministerul Educației și Cercetării
Titlu: *Nanostructuri spiroheterociclice derivate de la 4-(4-clorofenil)-pirimidină, cu posibilă activitate biologică*
Director: Asist. drd. Costel MOLDOVEANU

Durata: 2006

-11 granturi ca membru:

1. Grant cu Banca Mondială
Titlu: *Research in cycloimonium-ylides field. The syntheses, the structure, the reactivity and practical application,*
Finanțator: World Bank (70%) Romanian Government (30%)
Director: Prof. dr. Ionel MANGALAGIU
Durata: 1999 – 2002.
2. Grant NATO- Collaborative Linkage Grant PDD(CP)-(CBP.EAP.CLG 982499)/20.11.2006
Titlu: *Synthesis of Highly Fluorescent Materials Through Eco-friendly Methods,*
Finanțator: NATO PROGRAMME SECURITY THROUGH SCIENCE
Director: prof.dr. Ionel Mangalagiu, Romania/ prof. Dr. Ulrich Groth, Germania
Durata: 2006 – 2007.
3. Grant bilateral Romania – Moldova, grant nr. 418/02.06.2010
Titlu: *Biologically active compounds with terpenoid and azaheterocycle skeleton through conventional and nonconventional methods,*
Finanțator: Guvernul Moldovei și Guvernul României (ANCS, PN-II, Modul III)
Director: prof.dr. Ionel Mangalagiu, Romania/ CP I. dr. Aculina Arîcu, Academy of Science of Rep. Moldova
Durata: 2010 – 2011.
4. Grant FP7- People-2009-IRSES grant nr. 246902/2009
Titlu: *Photocatalytic Clusters Complexes for Artificial Photosynthesis Applications,*
Finanțator: European Union- FP7 program IRSES
Director: prof.dr. Ionel Mangalagiu, Romania/ prof. Dr. Andrew Benniston (coordinator), UK/ prof.dr. Constantin Turta, Moldova
Durata: 2010 – 2012.
5. Grant bilateral Romania – Moldova, grant nr. 682/2013
Titlu: *Sinteza compușilor noi biologic activi cu unități structurale terpenice și heterociclice,*
Finanțator: Guvernul Moldovei și Guvernul României (ANCS, PN-II, Modul III)
Director: conf.dr. Gheorghiță Zbancioc, Romania/ conf.dr. Alexandru Ciocarlan, Academy of Science of Rep. Moldova
Durata: 2013 – 2014.
6. Grant CNCIS tip A cu Ministerul cercetării
Titlu: *The reactions under microwaves heating in heterocyclic systems,*
Finanțator: Ministerul cercetării - CNCIS
Director: Prof. dr. Ionel MANGALAGIU
Durata: 2003– 2005.
7. Grant CNCIS tip A , cod 1155, tema 16, cu Ministerul educației și cercetării
Titlu: *Utilizarea microundelor și ultrasunetelor ca metode neconventionale în chimia organică,*
Finanțator: Ministerul educației și cercetării - CNCIS
Director: Prof. dr. Ionel MANGALAGIU
Durata: 2006– 2008.
8. Grant CEEX , cu Ministerul educației și cercetării
Titlu: *Macrocyclic nanostructures of coronand type by conventional and unconventional methods (microwaves and ultrasounds),*
Finanțator: Ministerul educației și cercetării
Director: Prof. dr. Ionel MANGALAGIU
Durata: 2005– 2008.
9. Grant CEEX cu Ministerul educației și cercetării
Titlu: *The obtaining, and the physical-chemical and biochemical characterization of some glicozid-steroidic biopreparations with vegetal origins.*
Finanțator: Ministerul educației și cercetării
Director: Prof. dr. Ionel MANGALAGIU

Durata: 2005– 2008.

10. Grant PN-II-Idei, Nr. Contract: 88/2008, cu Ministerul educației și cercetării

Titlu: *Chemosenzori cu schelet macrociclic*,

Finanțator: Ministerul educației și cercetării - CNCSIS

Director: Prof. dr. Ionel MANGALAGIU

Durata: 2010– 2011.

11. Grant **TE**; cod UEFISCDI **PN-III-P1-1.1-TE-2016-1205**, cu Ministerul educației și cercetării

Titlu: *Noi structuri polifuncționale azasteroid-mimetice: compuși fluorescenți și biologic activi*,

Finanțator: Ministerul educației și cercetării - UEFISCDI

Director: Conf. dr. Gheorghita Zbancioc

Durata: 2018– 2020.

12. Grant PFE-CDI no.11PFE / 30.12.2021. (Acronym: UAIC-INOV-IMP2)

Title: Supporting competitiveness in research, development and innovation by developing the institutional capacity of the Alexandru Ioan Cuza University of Iasi

Role: contractor

Director: Prof. dr. Ionel Mangalagiu

Funder : Romanian Minister of Research, Innovation and Digitization

Budget: 1.200.000,00 €

Durata: 2012– 2024.

Data:

12.09.2025

Semnătura,

prof. dr. Costel MOLDOVEANU